

**CLOSED END CUTTING
MOULDED GRATING**

GRP AUSTRALIA

Introduction

Moulded FRP Grating is a versatile product that can be produced in a variety of sizes and thicknesses however, they are generally stocked in **standard panel sizes** that can be cut to suit project specific requirements. FRP panels can be cut to precise measurements, though it is advised that they are cut to a length that leaves no open ends. This brochure presents closed end lengths for the following moulded grating types:

- **MG3838 - Moulded Grating 38 x 38 mesh - 38 thick**
- **MG1938 - Mini mesh Moulded Grating 19 x 19 - 38 thick**
- **MG1338 - Heel Guard Moulded Grating 13 x 13 - 38 thick**



Cost
Competitive



Non-corrosive &
rot resistant



As strong as
steel



Termite and
vermin proof



High fire
resistance



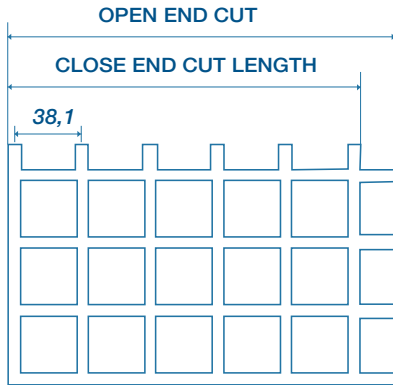
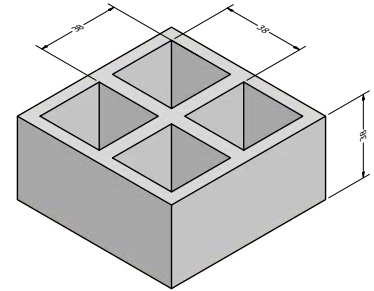
UV
Stabilised



Lightweight & easy
to manoeuvre

Direction of Use

While GRP Australia offers cutting services, clients who wish to do it themselves are encouraged to follow this guide in addition to the Fabrication Brochure. Depending on the application, open ended cuts are likely to result in fibre damage. When cutting moulded grating, use these tables as a guide to ensure closed end features. GRP Australia recommends adjusting length requirements to suit closed end cuts where possible. Refer to panel diagrams for more details.



Moulded Grating 38x38 Mesh

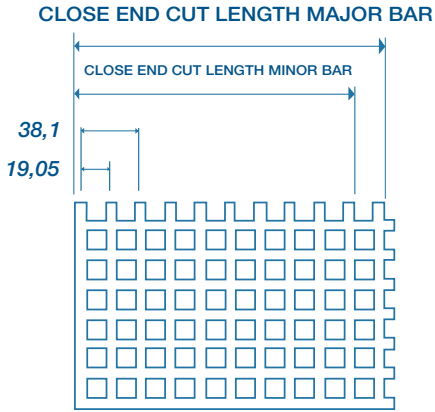
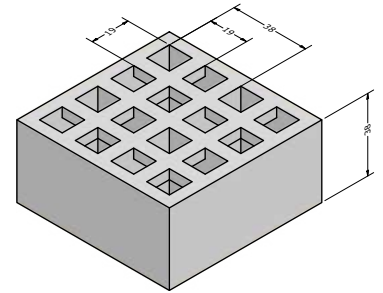
Mesh grid spacing: 38.1 x 38.1 mm

Grating Thickness: 38.1mm

Bar size: 7mm top, 5.0 bottom.

Overall Tolerance: ± 3mm

NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)
1	45	25	960	49	1874	73	2788
2	83	26	998	50	1912	74	2826
3	121	27	1036	51	1950	75	2865
4	159	28	1074	52	1988	76	2903
5	198	29	1112	53	2026	77	2941
6	236	30	1150	54	2064	78	2979
7	274	31	1188	55	2103	79	3017
8	312	32	1226	56	2141	80	3055
9	350	33	1264	57	2179	81	3093
10	388	34	1302	58	2217	82	3131
11	426	35	1341	59	2255	83	3169
12	464	36	1379	60	2293	84	3207
13	502	37	1417	61	2331	85	3246
14	540	38	1455	62	2369	86	3284
15	579	39	1493	63	2407	87	3322
16	617	40	1531	64	2445	88	3360
17	655	41	1569	65	2484	89	3398
18	693	42	1607	66	2522	90	3436
19	731	43	1645	67	2560	91	3474
20	769	44	1683	68	2598	92	3512
21	807	45	1722	69	2636	93	3550
22	845	46	1760	70	2674	94	3588
23	883	47	1798	71	2712	95	3627
24	921	48	1836	72	2750	96	3665



Mini Mesh Moulded Grating 19x19

*Bold numbers are major load bars

Mesh Grid Spacing: 19.05 X 19.05 / 38.1X 38.1 mm

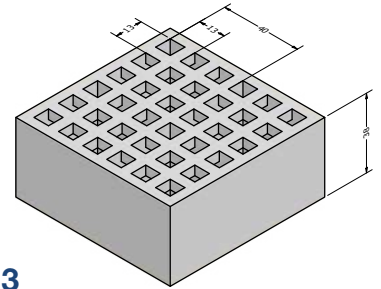
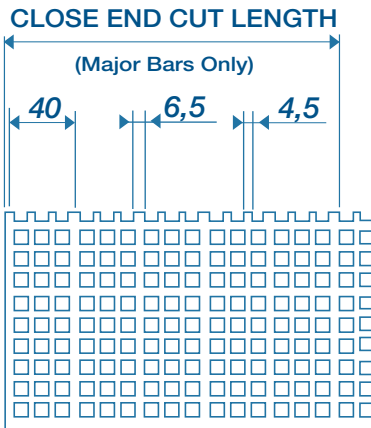
Grating Thickness: 38.1mm

Bar Size: 6.5mm top, 5.0 bottom

Overall Tolerance: ± 3mm

NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)
1	26 min	25	483	49	941	73	1398
2	45 Maj	26	503	50	960	74	1417
3	68	27	521	51	978	75	1436
4	85	28	541	52	998	76	1455
5	104	29	560	53	1015	77	1474
6	123	30	579	54	1036	78	1493
7	140	31	598	55	1055	79	1512
8	160	32	616	56	1074	80	1531
9	180	33	636	57	1093	81	1550
10	200	34	655	58	1111	82	1570
11	217	35	674	59	1131	83	1589
12	236	36	693	60	1150	84	1604
13	255	37	711	61	1169	85	1626
14	275	38	731	62	1188	86	1645
15	293	39	750	63	1207	87	1664
16	312	40	769	64	1226	88	1684
17	331	41	788	65	1245	89	1702
18	351	42	807	66	1265	90	1721
19	369	43	826	67	1283	91	1740
20	388	44	845	68	1303	92	1759
21	407	45	864	69	1321	93	1778
22	426	46	883	70	1341	94	1797
23	445	47	902	71	1359	95	1817
24	464	48	921	72	1379	96	1836

NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)
97	1855 min	121	2312	145	2769	169	3226
98	1874 Maj	122	2321	146	2788	170	3245
99	1893	123	2350	147	2807	171	3265
100	1912	124	2369	148	2826	172	3284
101	1931	125	2388	149	2845	173	3303
102	1950	126	2407	150	2864	174	3322
103	1969	127	2426	151	2881	175	3341
104	1988	128	2445	152	2903	176	3360
105	2007	129	2464	153	2922	177	3379
106	2026	130	2483	154	2941	178	3398
107	2045	131	2503	155	2960	179	3417
108	2064	132	2521	156	2979	180	3436
109	2083	133	2541	157	2998	181	3455
110	2102	134	2560	158	3017	182	3474
111	2121	135	2579	159	3036	183	3493
112	2140	136	2598	160	3055	184	3512
113	2159	137	2617	161	3074	185	3531
114	2179	138	2636	162	3093	186	3550
115	2197	139	2655	163	3112	187	3569
116	2217	140	2674	164	3131	188	3588
117	2236	141	2693	165	3150	189	3607
118	2254	142	2712	166	3169	190	3626
119	2274	143	2731	167	3188	191	3646
120	2293	144	2750	168	3207	192	3665



Heel Guard Moulded Grating 13x13

Mesh Grid Spacing: 13.3 X 13.3 / 40 X 40 mm

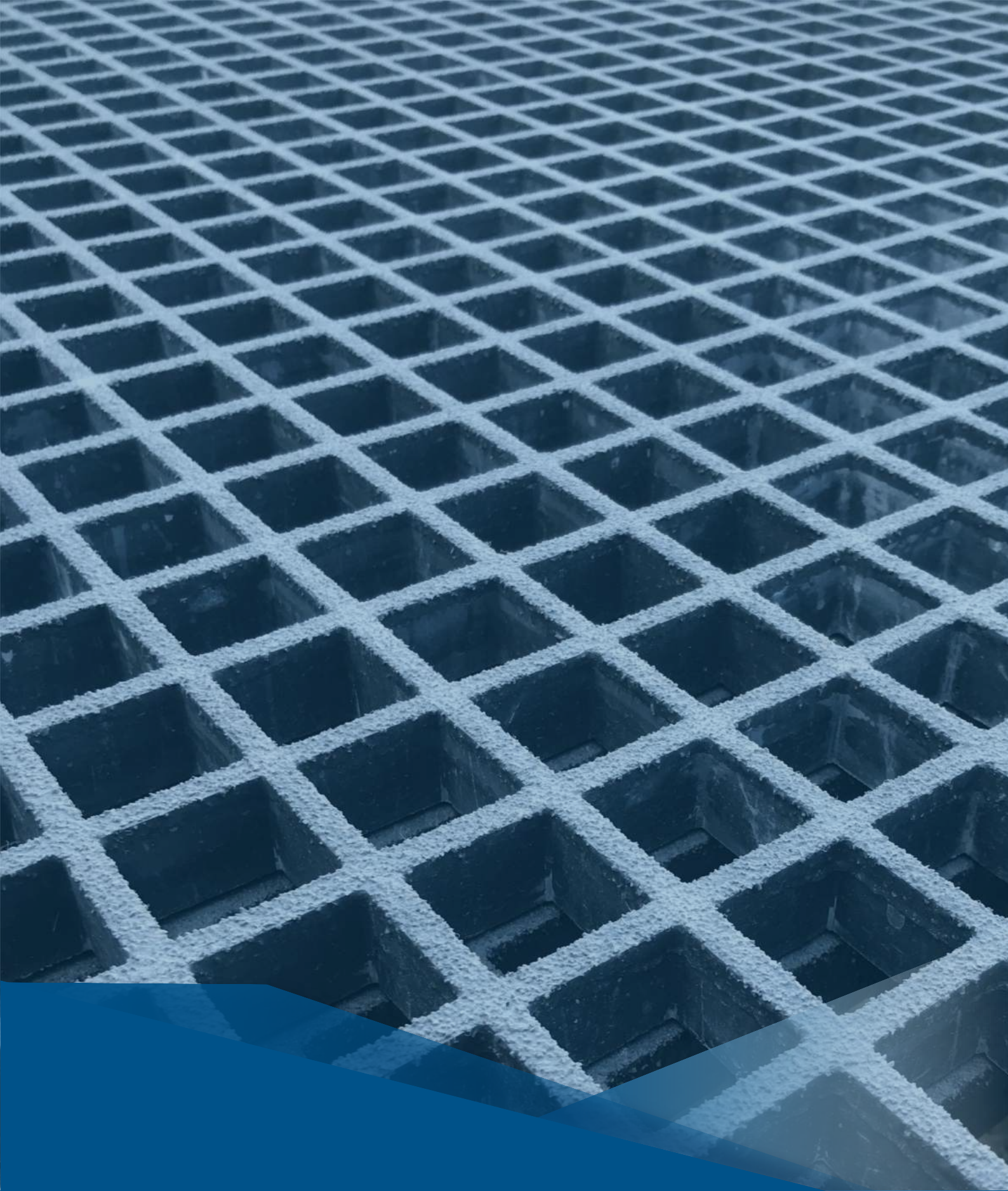
Grating Thickness: 38.1mm

Bar Size: 6.5mm/4.5 top, 5.0 bottom

Overall Tolerance: ± 3mm

NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)	NO. HOLES	TOP LENGTH (MM)
1	47	27	1087	53	2127	79	3167
2	87	28	1127	54	2167	80	3087
3	127	29	1167	55	2207	81	3247
4	167	30	1207	56	2247	82	3287
5	207	31	1247	57	2287	83	3327
6	247	32	1287	58	2327	84	3367
7	287	33	1327	59	2367	85	3407
8	327	34	1367	60	2407	86	3447
9	367	35	1407	61	2447	87	3487
10	407	36	1447	62	2487	88	3527
11	447	37	1487	63	2527	89	3567
12	487	38	1527	64	2567	90	3607
13	527	39	1567	65	2607	91	3647
14	567	40	1607	66	2647	92	3687
15	607	41	1647	67	2687	93	3727
16	647	42	1687	68	2727	94	3767
17	687	43	1727	69	2767	95	3807
18	727	44	1767	70	2807	96	3847
19	767	45	1807	71	2847	97	3887
20	807	46	1847	72	2887	98	3927
21	847	47	1887	73	2927	99	3967
22	887	48	1927	74	2967	100	4007
23	927	49	1967	75	3007	101	4047
24	967	50	2007	76	3047		
25	1007	51	2047	77	3087		
26	1047	52	2087	78	3127		

*Table below for Heel Guard shows only the dimensions for the major hole cut lengths.



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